

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

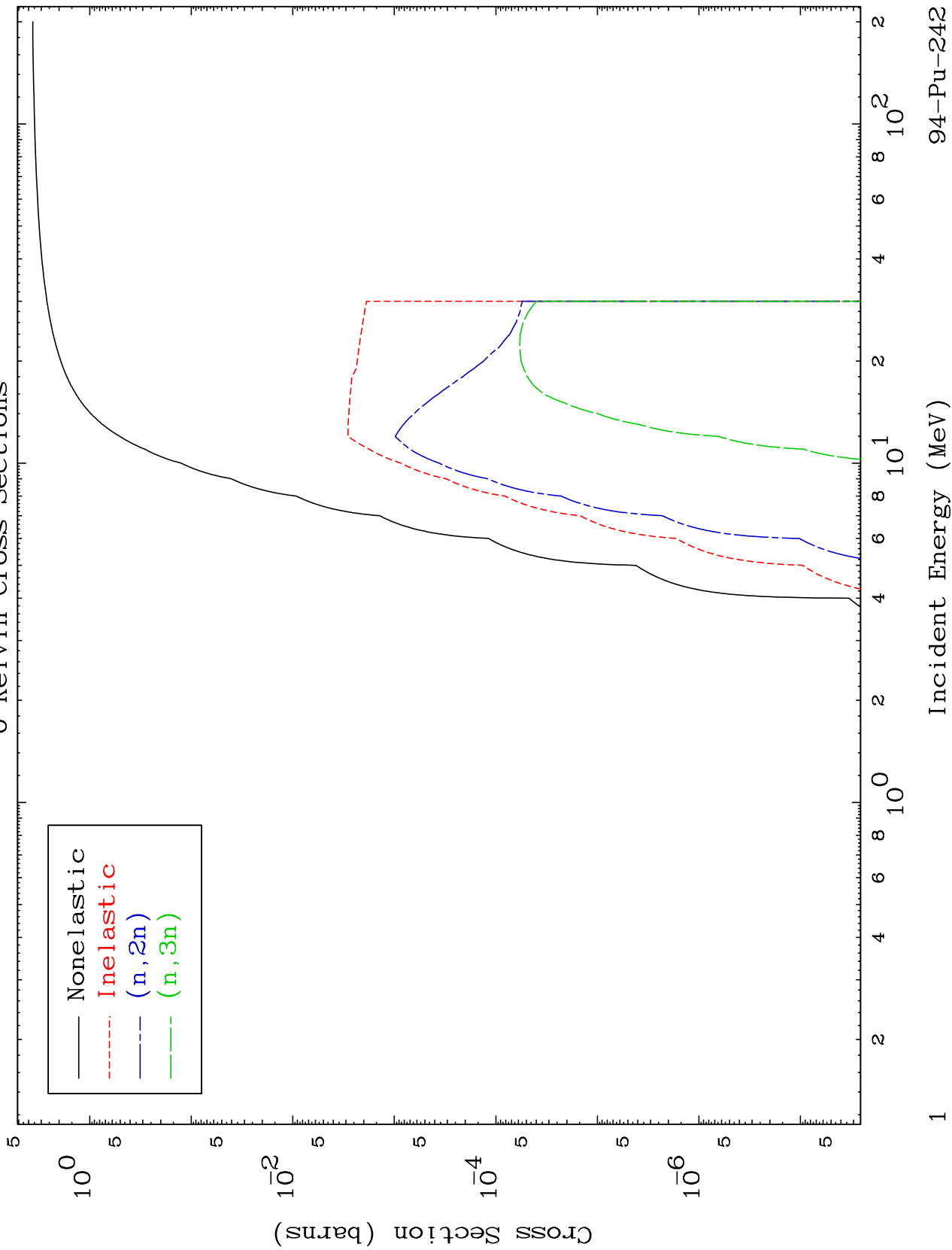
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9446

Deuteron Major
0 Kelvin Cross Sections

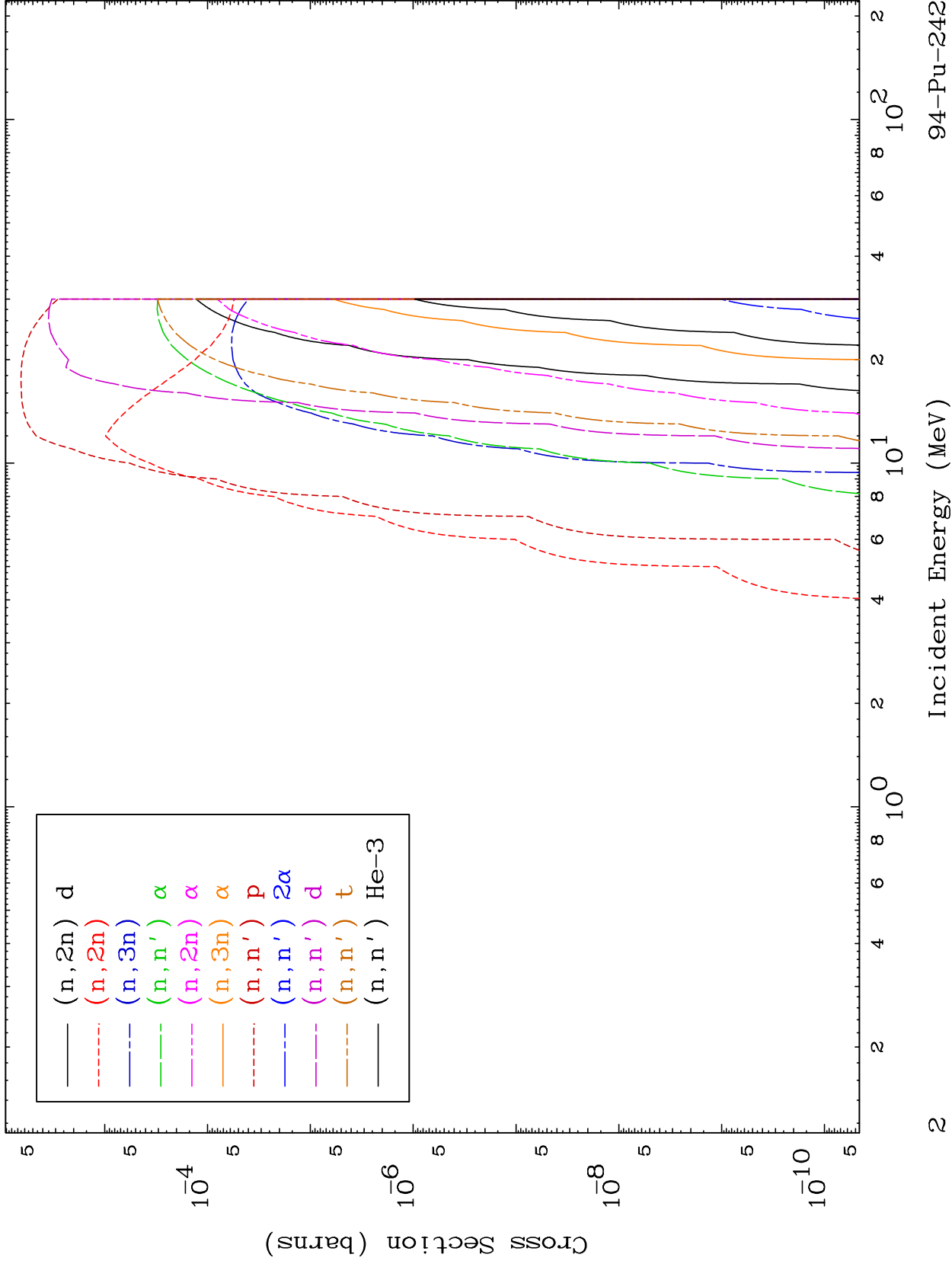
94-Pu-242

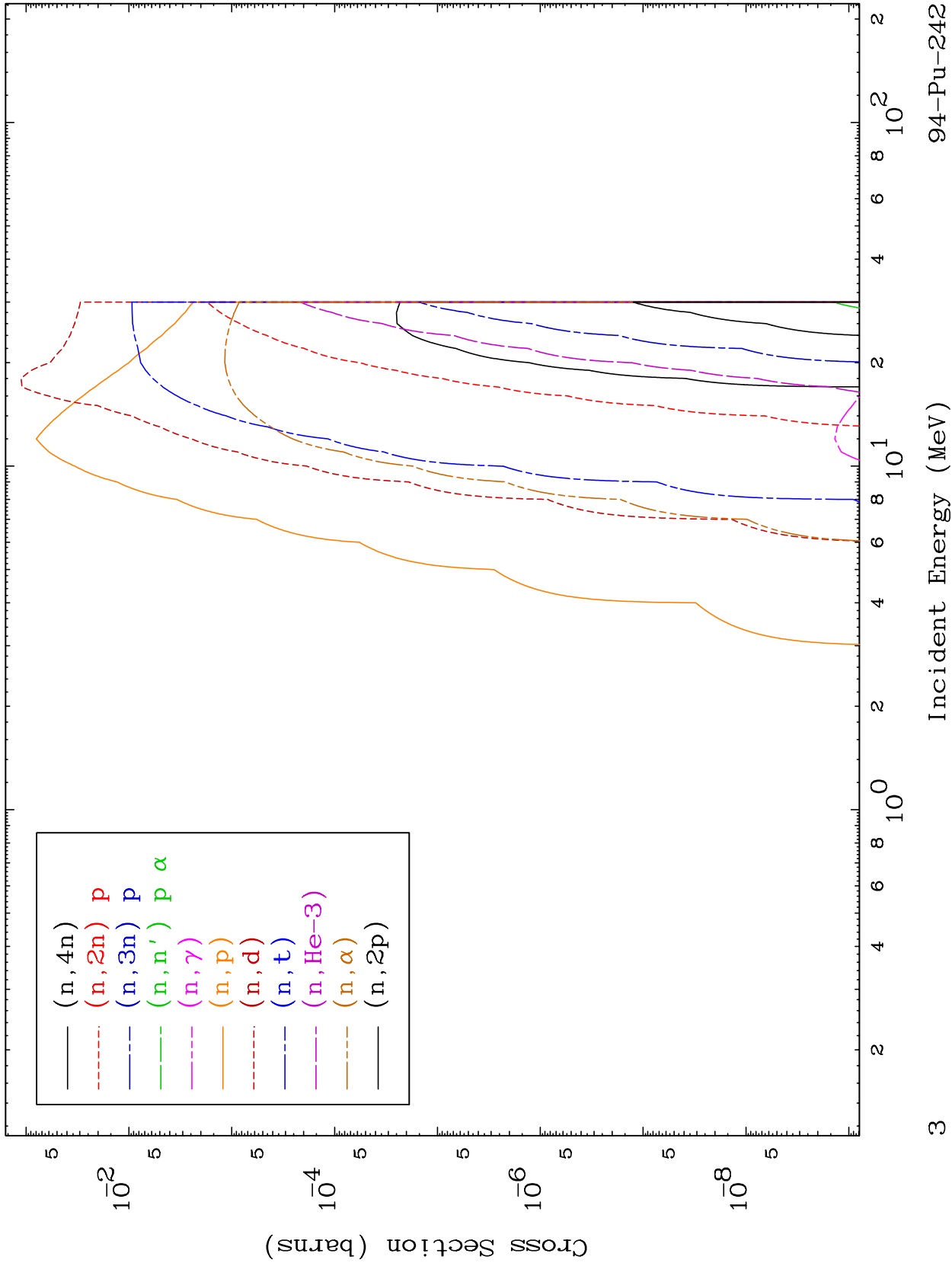


94-Pu-242

Incident Energy (MeV)

1

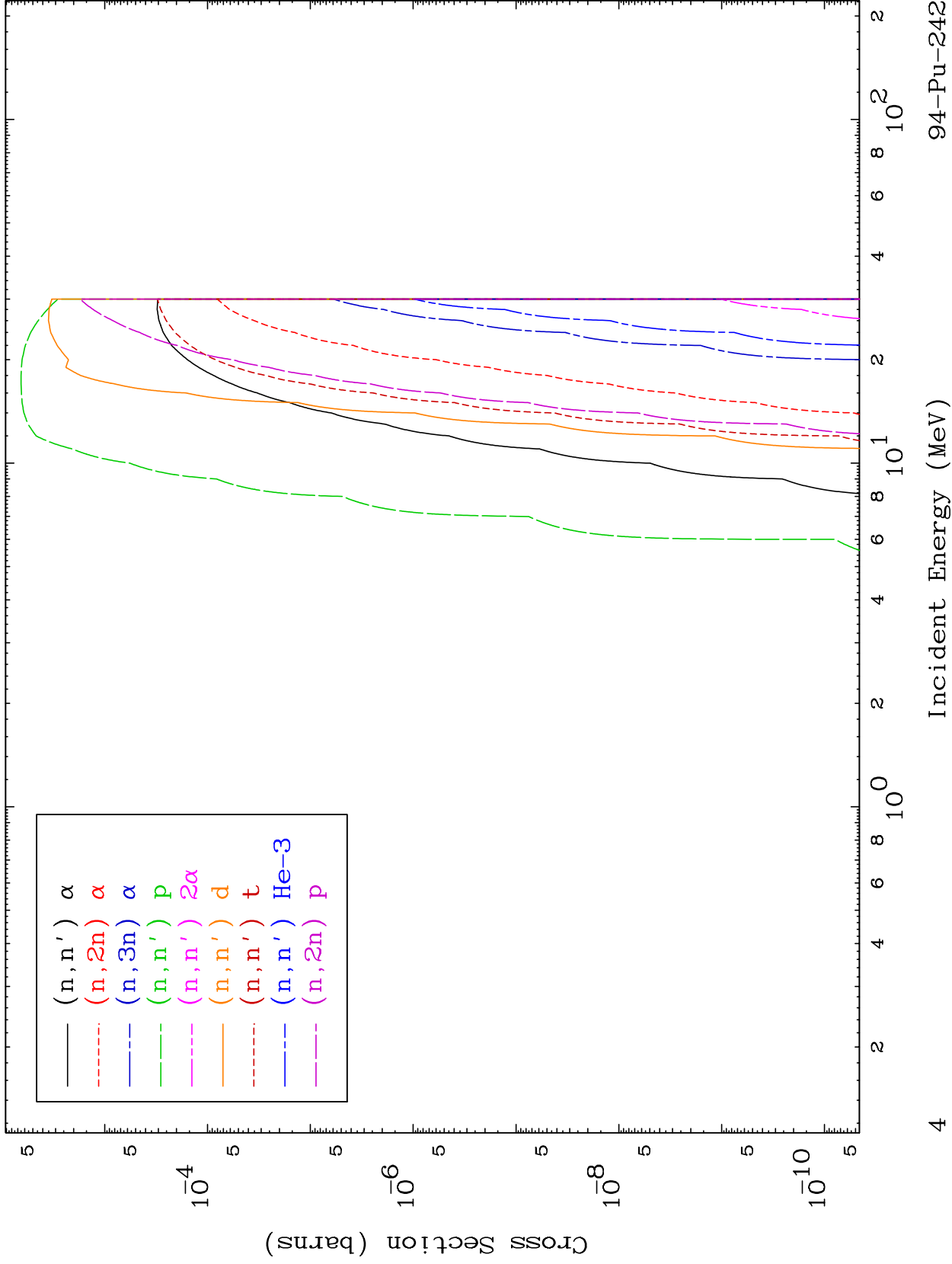


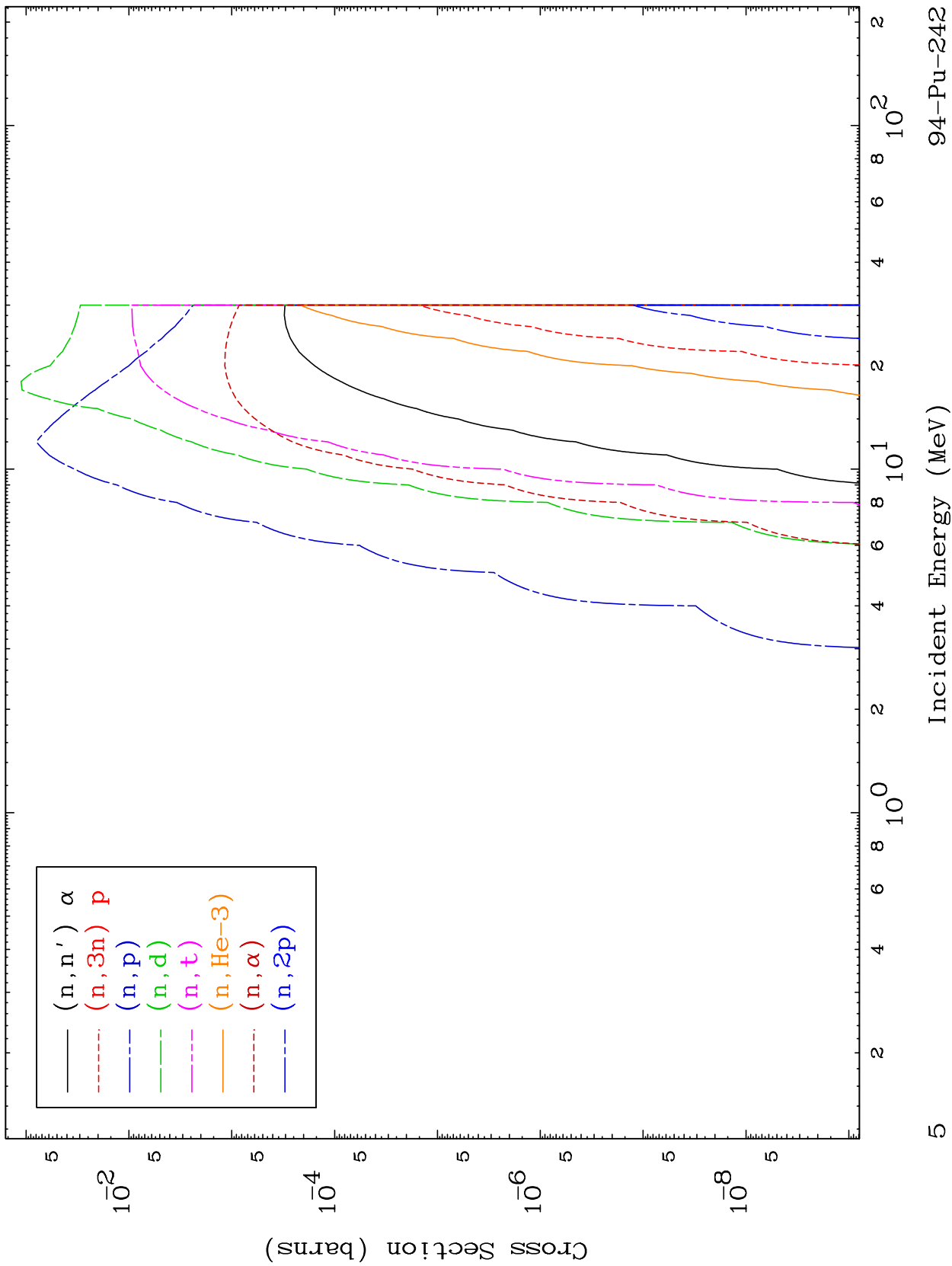


MAT 9446

Deuteron Charged Particle
0 Kelvin Cross Sections

94-Pu-242



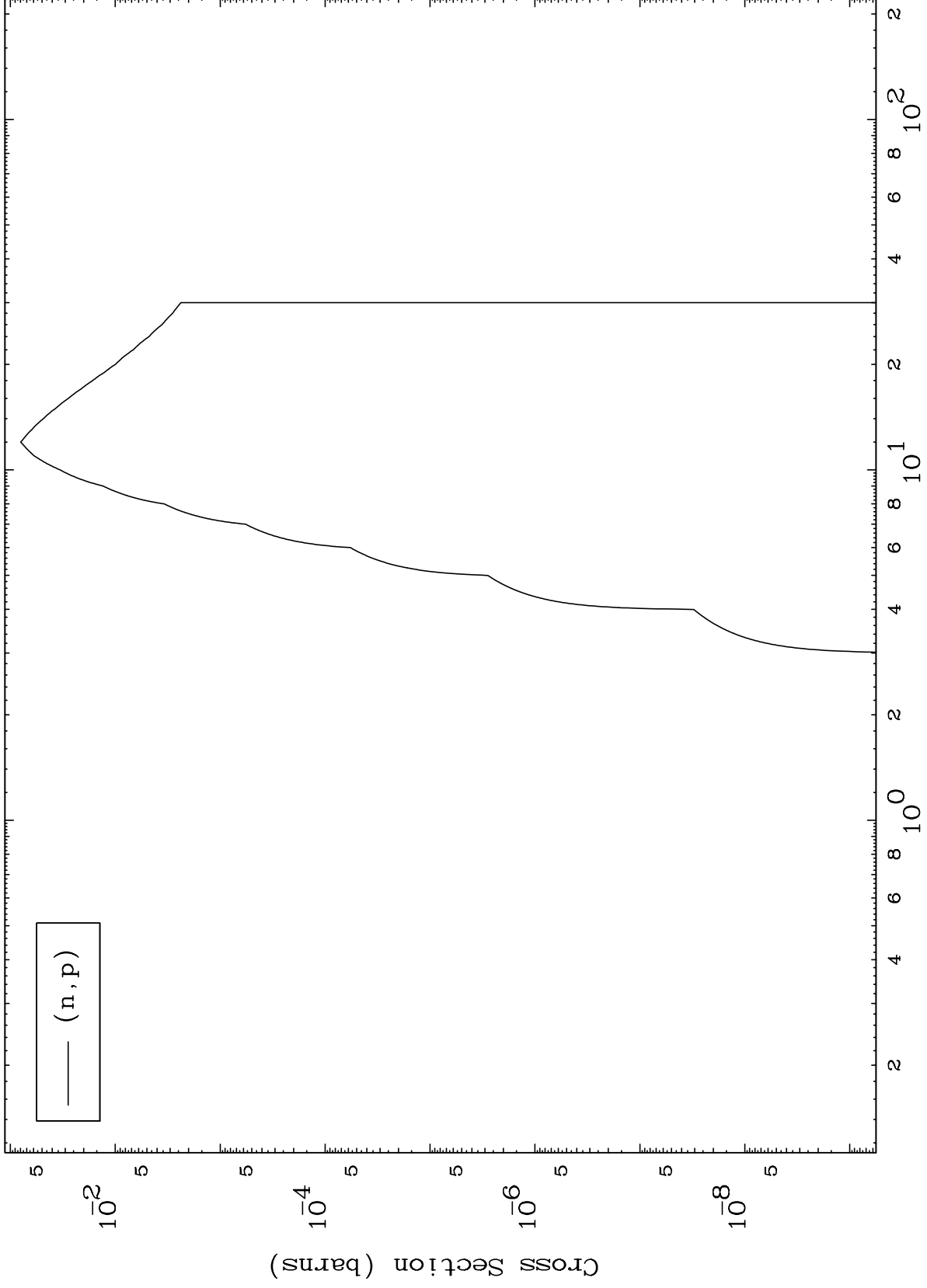


MAT 9446

(d,p) Levels

94-Pu-242

0 Kelvin Cross Sections



6

Incident Energy (MeV)

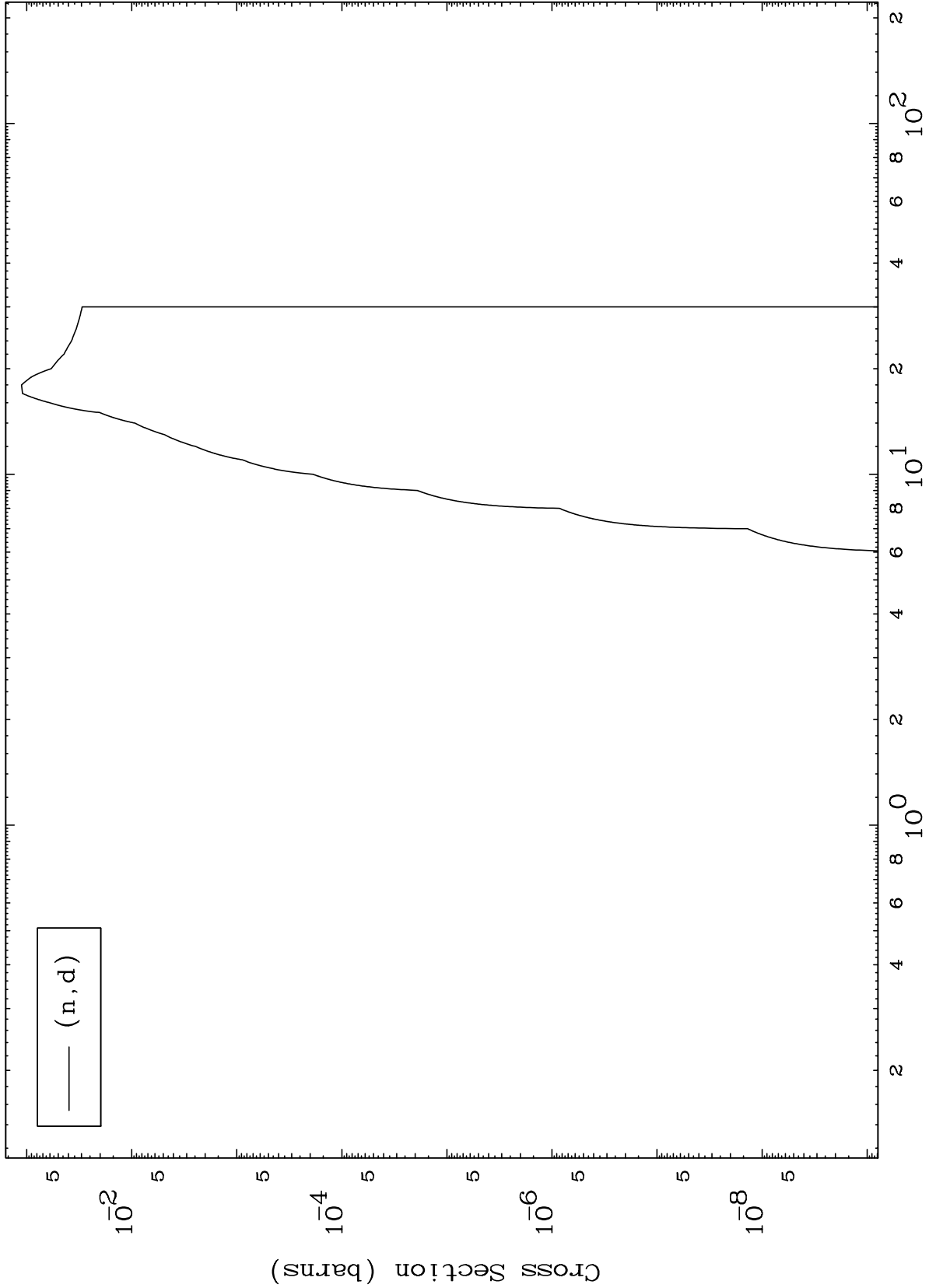
94-Pu-242

MAT 9446

(d,d) Levels

94-Pu-242

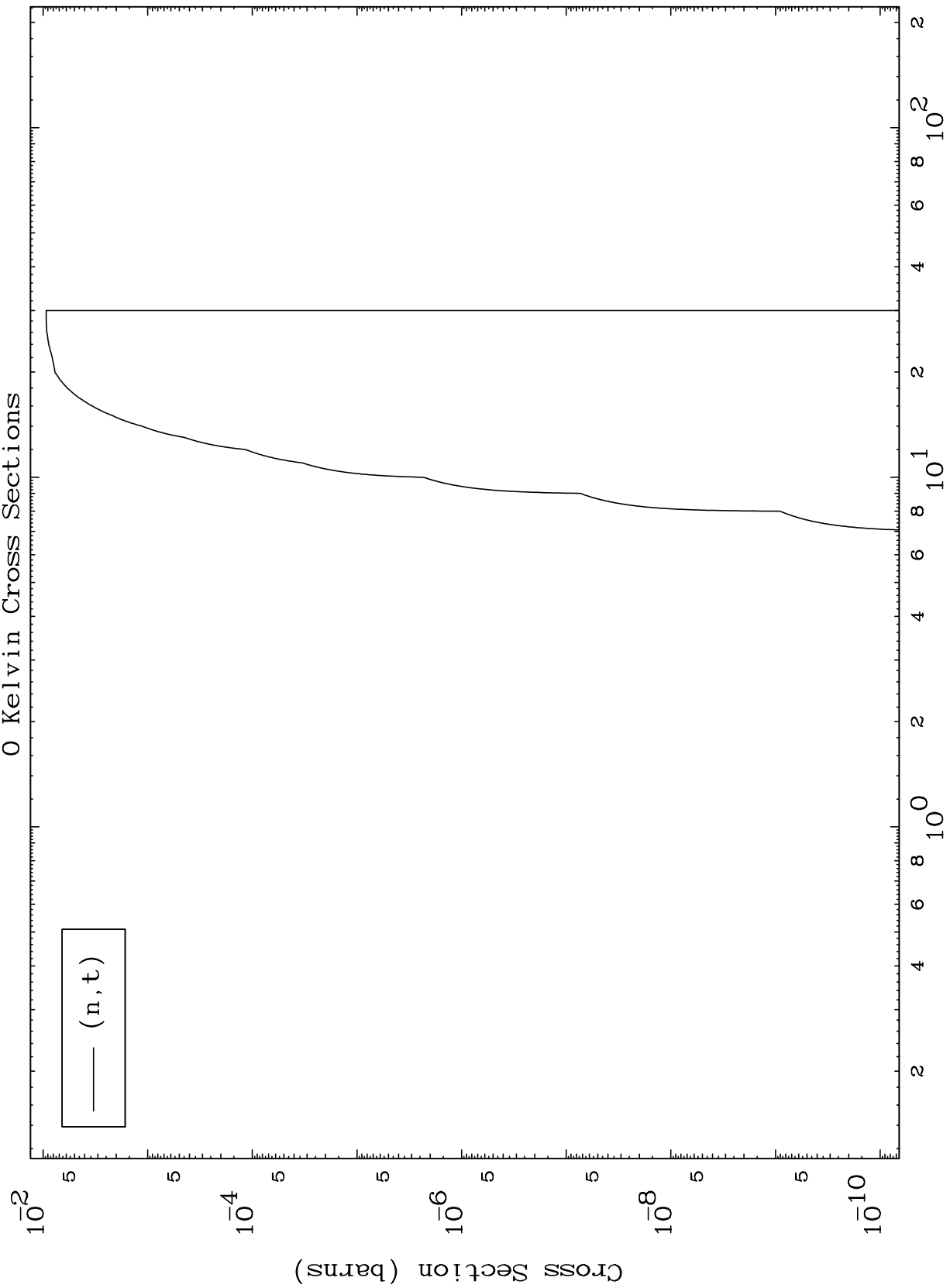
0 Kelvin Cross Sections



MAT 9446

94-Pu-242

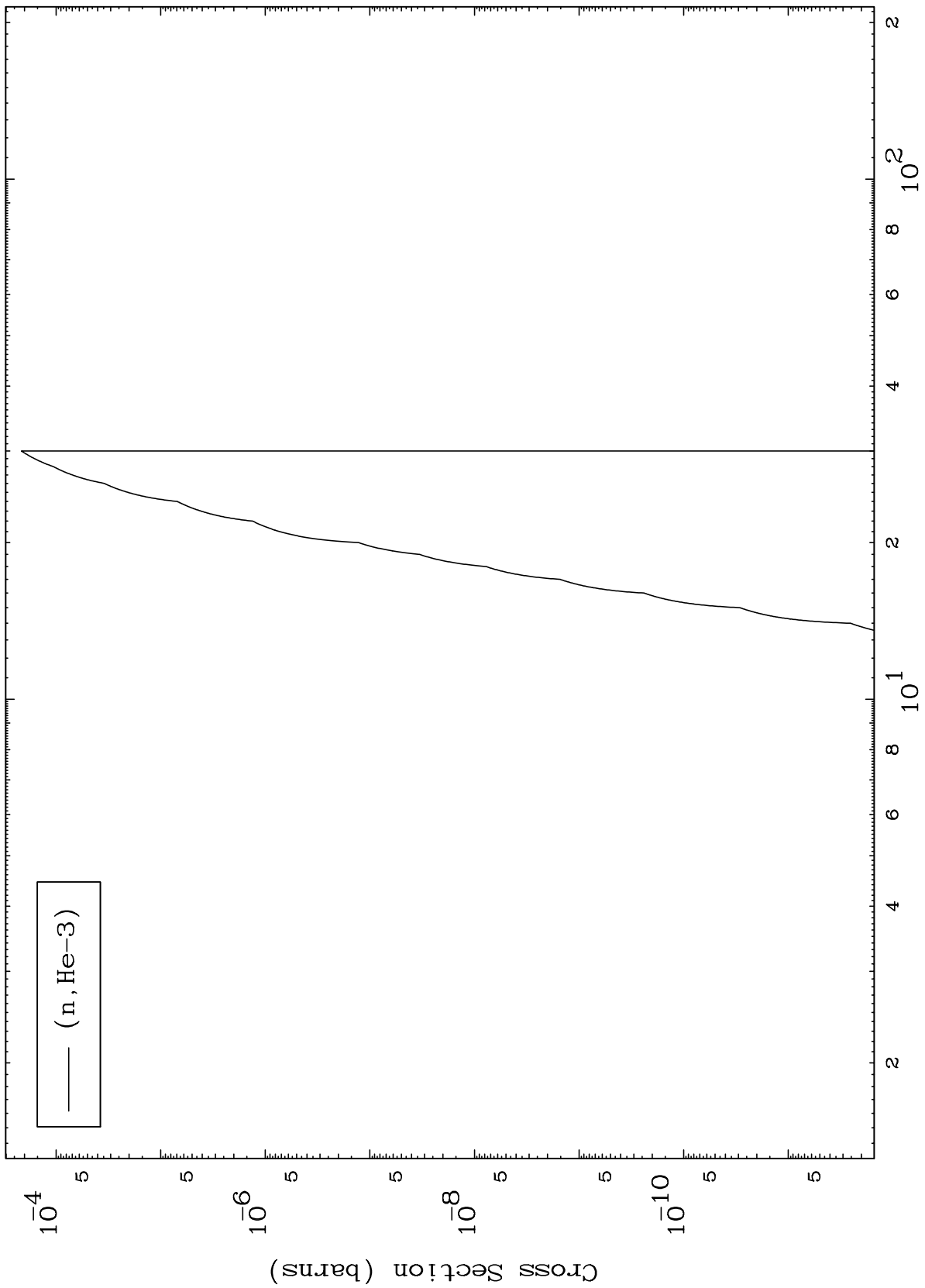
(d, t) Levels
0 Kelvin Cross Sections



MAT 9446

94-Pu-242

(d,He3) Levels
0 Kelvin Cross Sections

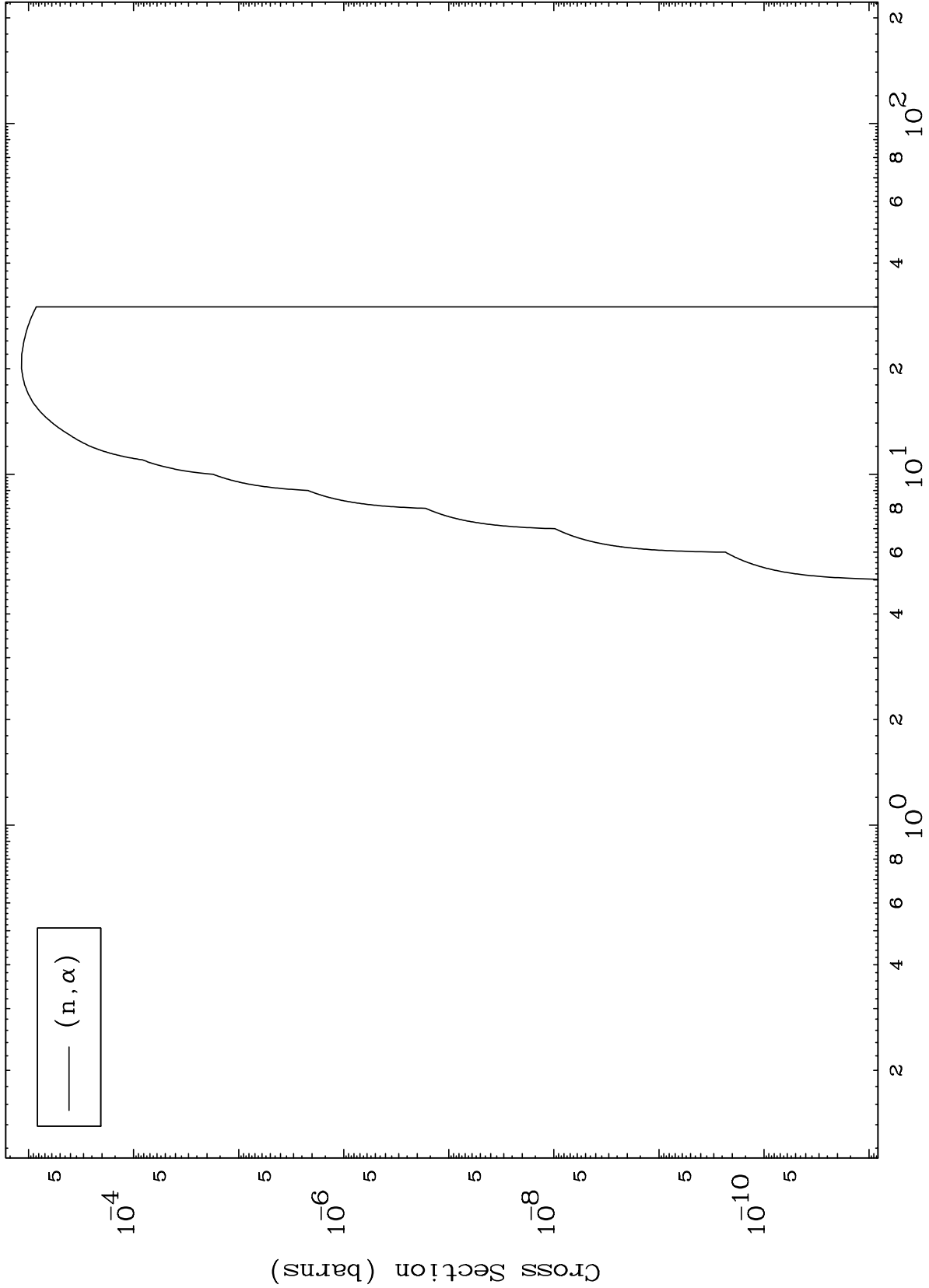


MAT 9446

(d, α) Levels

94-Pu-242

0 Kelvin Cross Sections

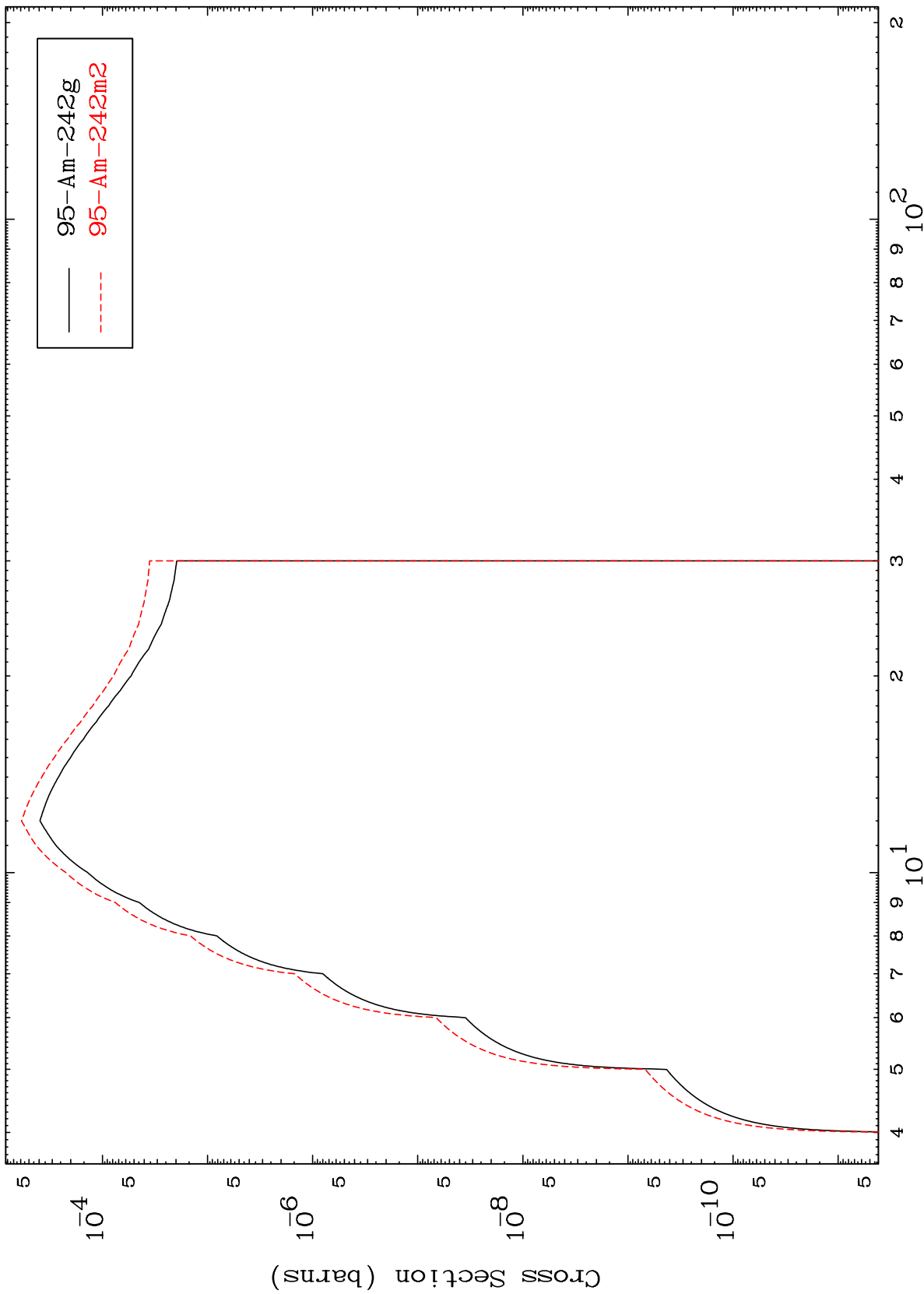


10

Incident Energy (MeV)

94-Pu-242

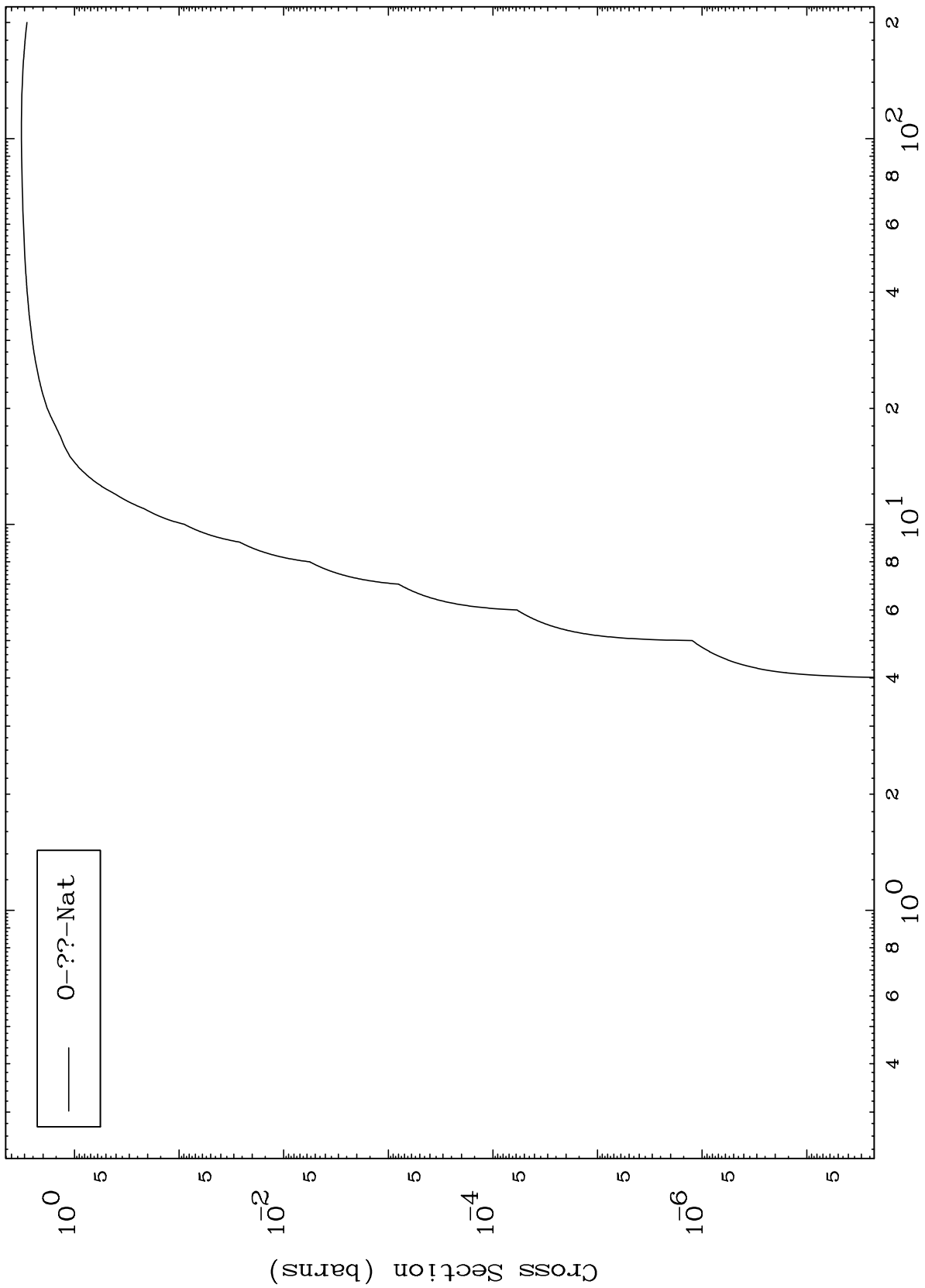
(n,2n)
Radionuclide Production Cross Section



MAT 9446

94-Pu-242

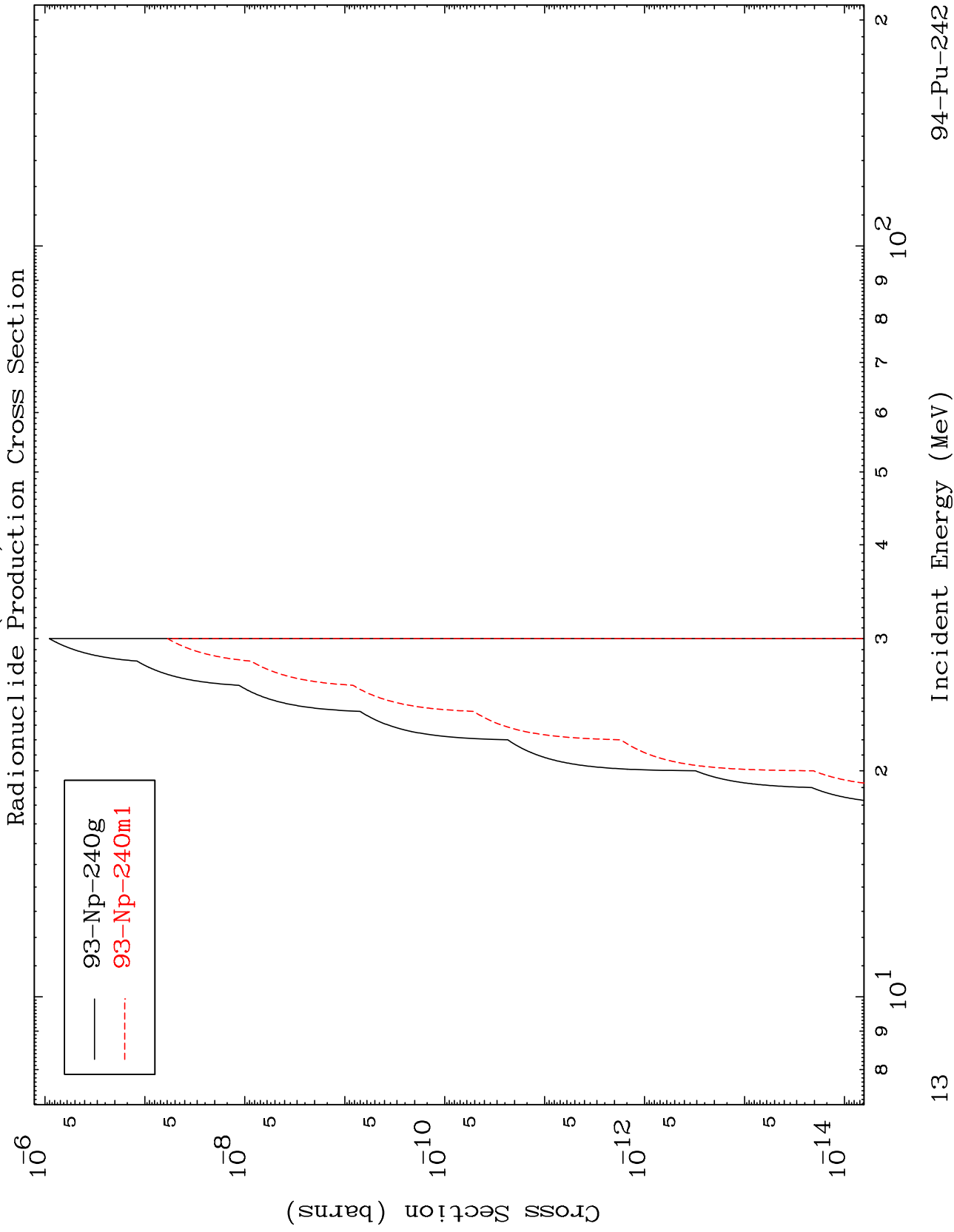
Fission
Radionuclide Production Cross Section



MAT 9446

(n,n') He-3

94-Pu-242

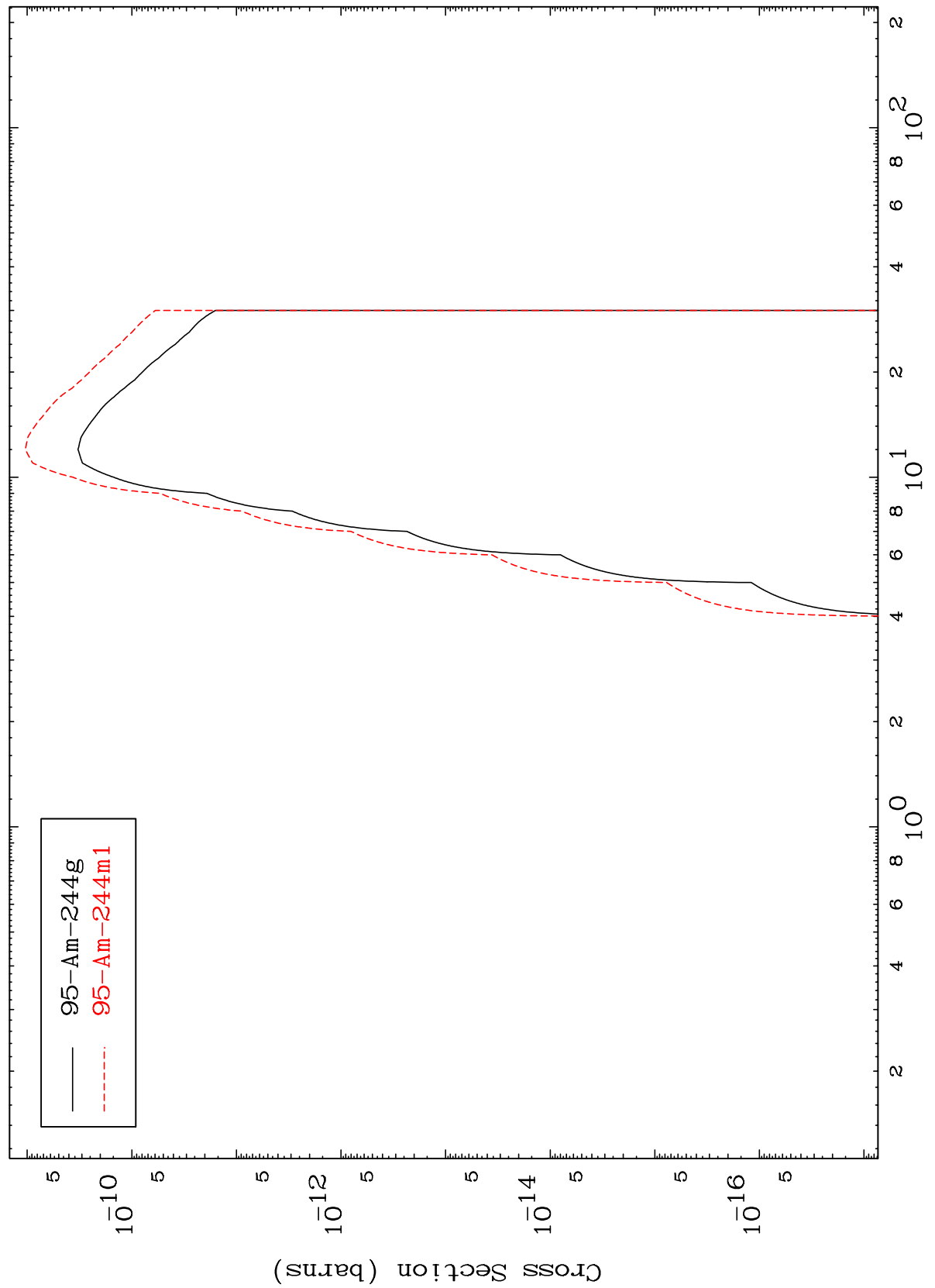


13

MAT 9446

94-Pu-242

(n, γ)
Radionuclide Production Cross Section



— 95-Am-244g
- - - 95-Am-244m1

94-Pu-242

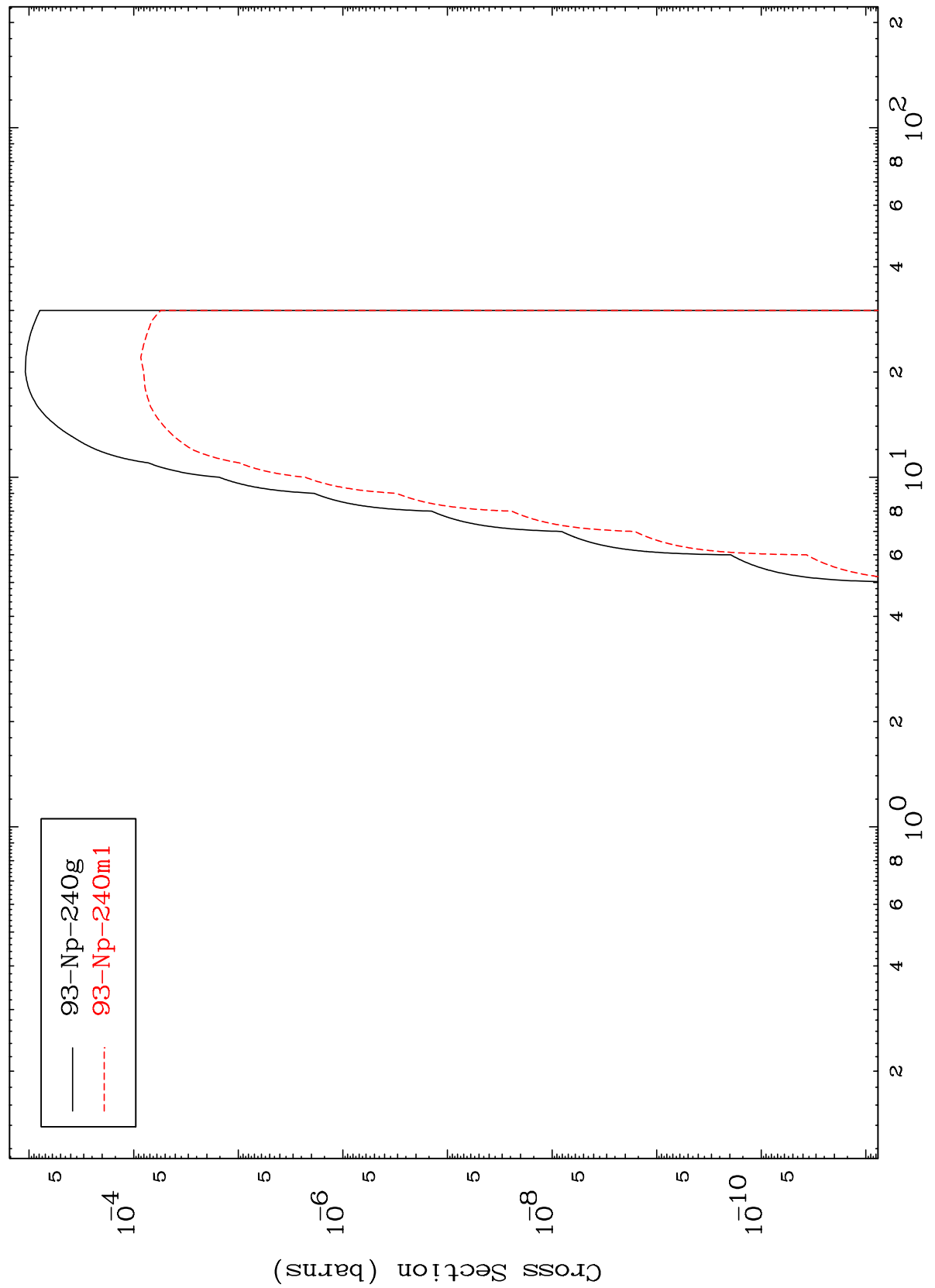
Incident Energy (MeV)

14

MAT 9446

94-Pu-242

Radionuclide Production Cross Section
(n, α)

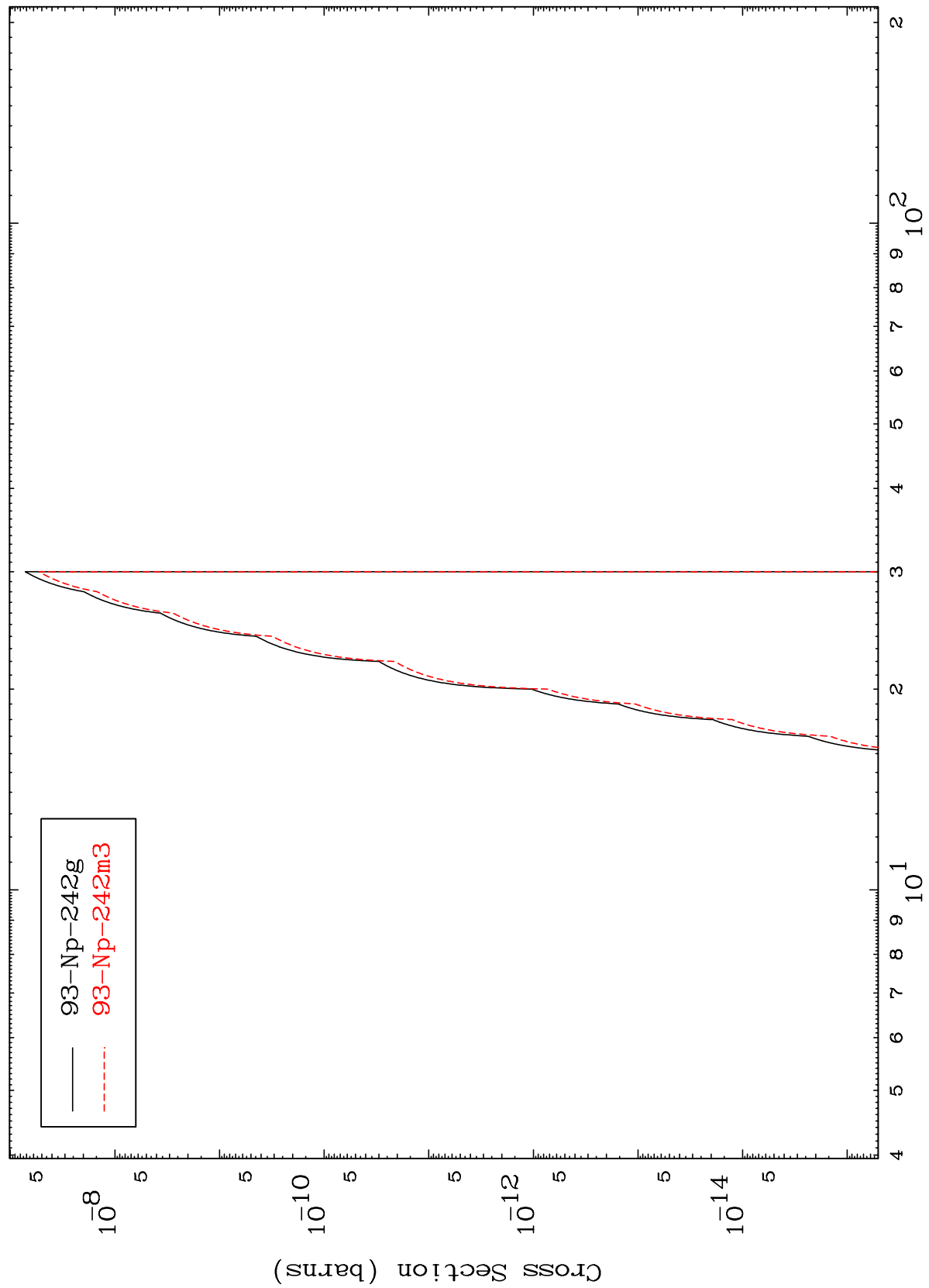


— 93-Np-240g
- - - 93-Np-240m1

MAT 9446

94-Pu-242

(n,2p)
Radionuclide Production Cross Section



93-Np-242g
93-Np-242m3

16

Incident Energy (MeV)

94-Pu-242